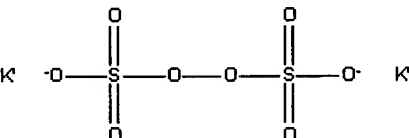


Enter a Chemical Name, CAS Number, Molecular Formula or Weight.

Use * for partial names (e.g. ben*).

Search here for free. For professional searching, use [ChemINDEX](#).**Potassium persulfate [7727-21-1]**

Synonyms: Dipotassium Peroxydisulfate; Peroxydisulfuric acid, dipotassium salt; Peroxydisulfuric acid (((HO)S(O)2)2O2), dipotassium salt; Potassium Peroxodisulfate; Potassium peroxydisulfate; Potassium persulfate;

	Tools	OpenChem
	BUY AT CHEMACX.COM	VIEW LINKS
	VIEW CHEMDRAW STRUCT	ADD COMPOUND
	VIEW CHEM3D MODEL	ADD/CHANGE PROPERTY
	CAS RN Lookup	ADD LINK
	THE MERCK INDEX	
	NCI DATABASE	

Formula	K ₂ O ₈ S ₂	Molecular Weight	270.2952
CAS RN	7727-21-1	Melting Point (°C)	100
ACX Number	X1000084-7	Boiling Point (°C)	
Density	2.477	Vapor Density	
Refractive Index		Vapor Pressure	
Evaporation Rate		Water Solubility	slightly
Flash Point (°C)		EPA Code	
DOT Number	UN 1492 Oxidizer	RTECS	SE0400000
Comments	colorless or white, odorless crystals. HYGROSCOPIC.		

More information about the chemical is available in these categories:

[Health \(2\)](#)[8\(e\) TRIAGE Chemical Studies Database](#)[North American Emergency Response Guidebook 2000 \(ERG 2000\)](#)